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ABSTRACT

This report shows responses to two National Association of Independent Schools (NAIS) surveys distributed in September 1983. Section I focuses on financial aid income for 593 schools, including those deriving income from one source, and on aid to students at 644 schools during 1982-83. Section II shows minority student enrollment in 784 United States schools by school type (girls' boys', coed, and day and boarding), by geographic area, and by racial/ethnic group, including figures that date from 1979 through 1984. Area of enrollment is also designated for 16 schools with unique student bodies in the Virgin Islands, Puerto Rico, Hawaii, Guam, and Georgia. Additionally, the section offers figures on minority teachers who in 1983-84 constituted 2.9 percent of all reporting teachers. Section III lists results of 1982-83 financial operations, as well as expenditures, revenues, and ratios of personnel in 653 schools. Section IV notes NAIS membership as of September 1983. Section V presents a 5-year summary (1979-84) of enrolled members by school type. (KS)

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NAIS Member School Operations, 1982-83
NAIS Membership, 1983-84

This report contains information compiled from responses to two surveys distributed by NAIS in September 1983--the Student and Faculty Information Form and the Financial Operations Information Form. A third survey, the NAIS Supplement to the Survey of Voluntary Support of Education, was mailed to NAIS member schools by the Council for Financial Aid to Education. Data supplied by this survey will be made available to development officers in a separate publication. In addition, data collected by CFAE will be published in its 1984 edition of Voluntary Support of Education.

As of the opening of school in September 1983, 931 schools were members of NAIS. With the exception of enrollment data, which are based on the full membership, all other tables in this publication show data for those schools responding accurately to the surveys. It is important to note that this subset of respondents varies each year, as does the NAIS membership.

It is our intention to minimize the time and effort involved in fulfilling our requests for data without sacrificing the benefits to member schools. We are indebted to all the schools and individuals who provided the substances of the summaries given here and hope that this publication, as well as other statistical services, proves to be of interest and value to our members.

This report is the second of two statistical reports NAIS publishes each year. The first, issued in the fall, covers tuition charges, faculty salaries, and administrative salaries for the current school year.

In addition to the two published statistical reports, NAIS now offers various comparison studies and computer searches. These specialized reports, described here on page 14, are available at modest charges.

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GLOSSARY OF TERMS

School types

Boarding schools	Schools enrolling 95 per cent or more boarding students
Boarding-day schools	Schools enrolling between 50 and 94 per cent boarding students, with the balance day
Day schools	Schools enrolling 95 per cent or more day students
Day-boarding schools	Schools enrolling between 51 and 94 per cent day students, with the balance boarding
Elementary schools	Schools with students in any grades PS-9, but none in grades 10-PG (PS-6, K-9, 6-9)
Secondary schools	Schools with students in any grades 10-PG, but none in grades PS-6 (7-12, 9-12, 7-PG)
Elementary-secondary schools	Schools with students in any grades PS-6 and any grades 10-PG (K-12, 5-12, 1-10)

Geographic areas

New England	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
East	New Jersey, New York
Middle Atlantic	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia
Southeast	Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee
Midwest	Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, West Virginia, Wisconsin
Southwest	Arizona, Arkansas, Colorado, Kansas, Louisiana, New Mexico, Oklahoma, Texas
West	Alaska, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming
U.S. Territories	Guam, Puerto Rico, U.S. Virgin Islands

TOTAL NUMBER OF SCHOOLS BY CATEGORY, 1983-84

2	Girls' elementary day
58	Girls' elementary-secondary day
14	Girls' secondary day
23	Girls' day-boarding
23	Girls' boarding-day
4	Girls' boarding
13	Boys' elementary day
29	Boys' elementary-secondary day
15	Boys' secondary day
13	Boys' day-boarding
21	Boys' boarding-day
19	Boys' boarding
182	Coeducational elementary day
266	Coeducational elementary-secondary day
69	Coeducational secondary day
59	Coeducational day-boarding
103	Coeducational boarding-day
18	Coeducational boarding
931	Total

I. FINANCIAL AID

Tables 1 and 2 show financial aid data reported by NAIS active member schools for fiscal year 1982-83. Both tuition remission and merit scholarship amounts are included in these tables. Loans are excluded, however. Table 1 shows the percentage of financial aid income derived from tuition, endowment funds, gifts, and other sources, as reported by 593 schools. Also shown are the number of schools reporting that 100 per cent of income for financial aid was derived from a single source.

Table 2 shows the financial aid awarded to students attending the 644 reporting schools. Expressed as a per cent of enrollment, students aided--16.6 per cent--exceeded the 1981-82 figure of 16.4 per cent. The last column displays the average aid per student as a per cent of average operating budget per student for all schools in each group. The average of all reporting schools--7.4 per cent--also represents an increase over 1981-82, when that figure was 7.1 per cent.

Table 1. Sources of Financial Aid Income, 1982-83

Schools	Per cent from tuition	Per cent from endowment	Per cent from gifts	Per cent from other sources	No. schools reporting 100% from Tuition	Endowment	Gifts
Girls' elem. day			Insufficient data				
21 Girls' elem.-sec. day	60.6	10.1	16.3	13.0	2	0	0
12 Girls' sec. day	50.0	16.0	34.0	0.0	2	0	0
7 Girls' day-boarding	70.2	13.4	13.0	3.4	0	0	0
19 Girls' boarding-day and boarding	41.3	35.2	11.9	11.6	0	0	0
8 Boys' elem. day	67.0	8.2	19.2	5.7	0	0	1
15 Boys' elem.-sec. day	52.4	32.3	13.7	1.6	2	0	0
11 Boys' sec. day	45.4	35.8	14.3	4.6	2	1	0
6 Boys' day-boarding	44.2	43.0	12.8	0.0	0	1	0
6 Boys' boarding-day	53.4	23.0	23.6	0.0	1	0	1
9 Boys' boarding	36.2	47.6	13.5	2.7	0	2	0
116 Coed elem. day	64.4	9.6	19.2	6.8	34	3	10
204 Coed elem.-sec. day	66.5	13.3	11.8	8.4	32	2	3
37 Coed sec. day	68.6	7.2	13.4	10.8	9	0	0
42 Coed day-boarding	59.8	19.4	14.1	6.7	6	0	1
70 Coed boarding-day	57.1	23.5	13.5	5.9	12	1	1
10 Coed boarding	26.7	34.3	28.7	10.3	1	0	0
593 Totals	61.1	16.6	15.0	7.4	103	10	17

Table 2. Financial Aid, 1982-83

Schools	No. of students aided	Amount granted (in thousands)	Per cent of enrollment	Per cent of total operating budget
Girls' elem. day		Insufficient data		
24 Girls' elem.-sec. day	1,210	$3,205	11.5	6.3
13 Girls' sec. day	544	1,011	14.6	6.1
7 Girls' day-boarding	400	1,035	15.4	5.3
20 Girls' boarding-day and boarding	731	2,710	19.2	6.5
8 Boys' elem. day	202	632	9.0	4.9
15 Boys' elem.-sec. day	1,146	2,923	13.2	6.4
11 Boys' sec. day	1,405	2,931	12.1	11.3
7 Boys' day-boarding	363	978	13.8	4.7
7 Boys' boarding-day	413	1,779	25.2	10.3
9 Boys' boarding	709	1,222	26.5	5.6
128 Coed elem. day	3,998	7,657	13.0	6.2
218 Coed elem.-sec. day	17,863	41,613	15.0	7.6
42 Coed sec. day	2,221	3,936	17.6	7.4
46 Coed day-boarding	5,006	11,969	21.3	8.1
79 Coed boarding-day	5,114	19,966	21.8	8.0
10 Coed boarding	668	2,734	32.9	9.7
644 Totals	41,993	$106,301	16.6	7.4

II. MINORITY STUDENTS AND TEACHERS

Eight hundred active member schools, 96 per cent of the total group, responded to this year's survey of minority students and teachers. Among these respondents were 10 schools in Hawaii, one school in Guam, two schools in Puerto Rico, and two schools in the Virgin Islands. These 15 schools have been excluded from all tables except 4-A and 4-B owing to the unique composition of their student bodies. Boggs Academy (Ga.), which enrolls all minority students, is also omitted from all tables except 4-A. The remaining schools, which number 784, are all within the continental United States.

This year, schools located in the continental U.S., Puerto Rico, and the Virgin Islands were asked to report the number of students in each of four minority categories: African American, Hispanic American, Native American, and Asian American. Hawaiian and Guamanian schools were asked to report figures in each of these four categories as well as in two others: Native Pacific Islander and Caucasian.

This year, minority students comprise 9.6 per cent of the total enrollment in reporting schools (Tables 3 and 6). For the last three years that figure has been 9.1 per cent. Although the total number of minority students reported for 1983-84 in Tables 3, 5, and 6 (30,000) is greater than that reported for 1982-83 (28,151), these numbers are not comparable, since seven more schools reported this year. Furthermore, the pool of schools on which these data are based changes slightly from year to year. For these reasons, the percentage figures are better measures of trends.

Since territorial schools are now designated as active members of NAIS, it is our intention to incorporate them in all statistical reports. Until we acquire a historical base on which valid year-to-year comparison can be made, however, these schools will continue to be isolated as a group. Table 4-A illustrates the impact on the data of the addition of the U.S. territorial schools and Boggs Academy to the pool. These five schools raise the minority figure to 9.9 per cent of the total enrollment of the 789 schools represented. The 1,132 minority students reported by these five schools are concentrated in the African American and Hispanic American groups.

Minority teachers represent 2.9 per cent of all teachers at reporting schools, a slight decline from last year.

Table 3. Minority Student Enrollment by Type of School, 1983-84
(Continental U.S. only)

Schools/type	Afr. Amer.	Hisp. Amer.	Asian Amer.	Nat. Amer.	Total minority	Total enrollment	Per cent minority enrollment
77 Girls' day	1,479	682	1,488	72	3,721	33,506	11.1%
24 Girls' boarding	133	69	90	11	303	4,254	7.1
54 Boys' day	929	397	1,006	9	2,341	26,913	8.7
31 Boys' boarding	299	261	140	8	708	7,723	9.2
324 Coed day	7,993	2,767	6,366	235	17,361	170,512	10.2
165 Coed day elem.	1,389	464	1,470	21	3,344	42,461	7.9
109 Coed boarding	993	480	680	69	2,222	28,593	7.8
784 Totals	13,215	5,120	11,240	425	30,000	314,062	9.6%

Table 4-A. Minority Student Enrollment by Area, 1983-84
(Continental U.S., Virgin Islands, and Puerto Rico)

Schools/area	Afr. Amer.	Hisp. Amer.	Asian Amer.	Nat. Amer.	Total minority	Total enrollment	Per cent minority enrollment
159 New England	1,588	439	981	43	3,051	49,273	6.2%
134 East	3,069	1,178	2,374	24	6,645	51,201	13.0
150 Middle Atlantic	3,394	611	1,764	55	5,824	58,699	9.9
109 Southeast	1,220	677	971	55	2,923	56,128	5.2
93 Midwest	2,402	521	2,196	94	5,213	40,104	13.0
57 Southwest	569	846	604	71	2,090	27,402	7.6
83 West (exc. Hawaii)	1,086	848	2,350	83	4,367	31,368	13.9
4 P.R. and V.I.	209	773	37	0	1,019	1,459	69.8
789 Totals	13,537	5,893	11,277	425	31,132	315,634	9.9%

Table 4-B. Minority Student Enrollment, Hawaii and Guam, 1983-84

Schools	Afr. Amer.	Hisp. Amer.	Asian Amer.	Nat. Amer.	Pac. Isl.	Cau-casian	Total minority	Total enrollment	Per cent minority enrollment
11 Hawaii & Guam	47	40	3,871	4	3,605	3,061	10,628	11,187	95.0%

Table 5. Minority Student Enrollment by Racial/Ethnic Group, 1979-80 -- 1983-84
(Continental U.S. only)

Racial/ethnic group	1979-80	1980-81	1981-82	1982-83	1983-84
African American	11,883	11,810	12,649	12,915	13,215
Hispanic American	5,297	5,017	5,117	4,909	5,120
Asian American	5,717	7,368	8,945	9,961	11,240
Native American	324	436	294	366	425
Totals	23,221	24,631	27,005	28,151	30,000

Table 6. Minority Student Enrollment by Type of School, 1979-80 -- 1983-84
(Continental U.S. only)

Schools/type	1979-80	1980-81	1981-82	1982-83	1983-84	1983-84 per cent minority enrollment
Girls' day	2,233	1,965	3,637	3,775	3,721	11.1%
Girls' boarding	380	243	391	341	303	7.1
Boys' day	1,796	1,646	2,153	2,166	2,341	8.7
Boys' boarding	923	981	1,004	741	708	9.2
Coed day	13,297	14,704	14,459	15,774	17,361	10.2
Coed day elem.	2,385	3,349	3,188	3,289	3,344	7.9
Coed boarding	2,207	1,743	2,173	2,065	2,222	7.8
Totals	23,221	24,631	27,005	28,151	30,000	9.6%

Table 7. Minority Teachers by Type of School, 1983-84
(Continental U.S. only)

Schools/type	Afr. Amer.	Hisp. Amer.	Asian Amer.	Nat. Amer.	Total minority	Total teachers	Per cent minority teachers
77 Girls' day	42	43	24	3	112	3,937	2.8%
24 Girls' boarding	4	12	4	0	20	746	2.7
54 Boys' day	30	23	4	1	58	2,824	2.1
31 Boys' boarding	12	7	5	0	24	945	2.5
324 Coed day	297	202	86	20	605	18,420	3.3
165 Coed day elem.	66	31	23	1	121	4,849	2.5
109 Coed boarding	52	38	12	1	103	4,017	2.6
784 Totals	503	356	158	26	1,043	35,738	2.9%

Table 8. Minority Teachers, 1979-80 -- 1983-84
(Continental U.S. only)

Racial/ethnic group	1979-80	1980-81	1981-82	1982-83	1983-84
African American	382	391	418	454	503
Hispanic American	378	337	365	365	356
Asian American	133	145	141	167	158
Native American	17	29	45	25	26
Totals	910	902	969	1,011	1,043

III. FINANCIAL OPERATIONS

Table 9 presents overall results of 1982-83 financial operations. Of the schools reporting, 11.2 per cent broke even or had income and expense within 0.25 per cent of one another, 39.0 per cent had an excess of income over expense of less than 5 per cent, and 26.5 per cent had an excess of income over expense of more than 5 per cent. This means that 76.7 per cent operated in the black, while 23.3 per cent operated in the red. Of the latter, 15.0 per cent reported expenses exceeding income by less than 5 per cent, and 8.3 per cent by more than 5 per cent.

Table 9. Results of Financial Operations, 1982-83

		INCOME EXCEEDED EXPENSE		INCOME EQUALED EXPENSE (or were within 0.25% of each other)	EXPENSE EXCEEDED INCOME	
Schools/type		By 5% or more	By less than 5%		By less than 5%	by 5% or more
	Girls' elem. day	Insufficient data				
24	Girls' elem.-sec. day	6	13	1	3	1
13	Girls' sec. day	3	6	2	2	0
7	Girls' day-boarding	0	4	1	1	1
20	Girls' boarding-day and boarding	6	5	2	4	3
8	Boys' elem. day	2	3	1	1	1
15	Boys' elem.-sec. day	2	6	2	5	0
11	Boys' sec. day	2	6	2	0	1
7	Boys' day-boarding	0	5	1	1	0
8	Boys' boarding-day	2	2	3	1	0
11	Boys' boarding	5	3	2	0	1
132	Coed elem. day	40	42	11	26	13
219	Coed elem.-sec. day	45	98	29	29	18
43	Coed sec. day	21	12	3	6	1
46	Coed day-boarding	13	14	6	9	4
79	Coed boarding-day	24	33	7	8	7
10	Coed boarding	2	3	0	2	3
653	Totals	173	255	73	98	54

Tables 10-A, 10-B, and 10-C, below, give information on expenditures, revenues, and ratios of personnel in 653 reporting schools. To facilitate comparisons, data are reported by type of school on a per student and percentage of budget basis. To get the dollar amounts for a given category, income and expense figures are converted into dollars per student for each of the schools in the group. These figures are then averaged, producing the values appearing in the tables. Percentage amounts are based on the dollar amounts.

Income and expense categories conform to the account classifications recommended in the NAIS publication Accounting for Independent Schools, to which parenthetical page references are made below. The following explanatory notes are numbered to correspond with lines in the tables.

1. School type. See the Glossary of Terms, on page 2 of this report.

2. Student-teacher ratio. Number of students per teacher. The total number of teachers includes full-time teachers plus the full-time equivalency (FTE) of all the part-time teachers.

5. Teacher-instruction support/instruction administrator ratio. Number of FTE teachers per FTE of instruction support persons (librarian, coach, counselor, etc.) or FTE of instruction administrators (division head, director of studies, dean, department head, etc.).

6. Teacher-general administrator ratio. Number of FTE teachers per FTE of general administrators (head of school, admission officer, business officer, development officer, registrar, etc.).

7. Teacher-total administrator ratio. Number of FTE teacher per FTE of administrators described in 5 and 6, above.

Expense

8. Teaching salaries. Cash salaries paid to personnel for teaching in the regular instruction program (pp. 38, 57, 68). Included in this figure are the salaries of full- and part-time teachers as well as the prorated salaries of instruction support personnel, instruction administrators, general administrators, and clerical staff who also teach in the regular instruction program.

9. Instruction support salaries. Cash salaries paid to personnel for providing instruction support services, including librarians, audiovisual personnel, coaches, counselors, guidance personnel, and chaplains (p. 57).

10. Instruction administrator salaries. Cash salaries paid to personnel for directly administering the instruction program, including directors of studies, athletic directors, department heads, division heads, academic deans, and deans of students (pp. 57, 68).

11. Instruction secretarial and clerical salaries. Cash salaries paid to personnel for providing secretarial and clerical services to people involved in instruction or instruction administration (pp. 57-58, 68).

12. Instruction benefits and payroll taxes. The portions of payroll taxes and other employee benefits paid by the school for instruction personnel listed in 8, 9, 10, and 11, above (p. 58).

13. Other instruction expenses. Expenses other than salaries and benefits for academic departments and programs, including chapel, library, student guidance, counseling, and instruction administration. Among expenses reported here are those for materials, equipment, supplies, subscriptions, and travel (pp. 58-59, 68-69).

15. Student activities. The expense of newspaper, yearbook, school magazine, theater and student productions, trips and excursions, etc. (pp. 59, 69).

16. Auxiliary services salaries. Cash salaries paid to personnel providing food, health, laundry, student transportation, and other auxiliary services (pp. 33, 59-60, 69).

17. Auxiliary benefits and payroll taxes. The portion of payroll taxes and other employee benefits paid by the school for auxiliary service personnel (pp. 60, 69).

18. Other auxiliary expenses. Expenses for materials, supplies, services, and equipment, including food, medicines, and transportation vehicle insurance and repairs (pp. 59-60, 69).

19. Other services. Expenses for summer school, summer camps, conferences and workshops, and public services (pp. 60-61, 69).

21. Plant salaries. Cash salaries of plant and grounds maintenance personnel (pp. 61, 69).

22. Plant benefits and payroll taxes. The portion of payroll taxes and other employee benefits paid by the school for plant personnel (pp. 61, 69).

23. Plant expense. Expenses for electricity, fuel, maintenance materials, supplies, equipment purchases expensed, contracted maintenance services, security services, and plant-related insurance (pp. 61-62, 69).

24. Provision for plant replacement, renewal, and special maintenance. The calculated average annual expenditure for such assets as vehicles, academic support systems (language lab, computer, etc.), office equipment, heating or plumbing systems, and roofs (pp. 19-20, 35-38, 61 69).

26. General administrative salaries. Cash salaries paid to general administrators, excluding any portion paid for teaching services (pp. 62-64, 70).

27. Administration secretarial and clerical salaries. Cash salaries paid to personnel for providing secretarial and clerical services to general administrators (p. 70).

28. Administration benefits and payroll taxes. The amount of payroll taxes and other employee benefits paid by the school for administrators, secretaries, and clerical personnel (pp. 62-64, 70).

29. Administrative expenses. Expenses other than salaries and benefits for the offices of the head, admission, business, registrar, alumni/ae, and development. Included here are expenses for travel, entertainment, supplies, telephone, stationery, printing, postage, rentals, and contracted services (pp. 62-64, 70).

30. General expenses. Expenses not attributable to any specific administrative department. Reported here are expenditures for liability insurance, miscellaneous taxes, commencement, and interest (pp. 48, 64, 70).

32. Financial aid. All expenses for financial aid, including tuition remission granted to faculty children (pp. 38, 64, 70).

Income

34. Student tuition and fees. The total charges for tuition and fees for all students enrolled, even though all of them may not pay the full amount. The value of scholarships, tuition remissions, or other forms of financial aid are not deducted (pp. 27, 53-55).

35. Auxiliary services. Gross income from services of a nonacademic nature that are provided to students. Included here are revenues from lunch charges, health services, student store, snack bar, student busing, and laundry (pp. 33-34, 55).

36. Other programs. Gross income from summer school, summer camps, conferences and workshops, and public services (pp. 55-56).

37. Investment income. Dividends and interest earned on short- and long-term investments.

38. Gifts. Income from unrestricted and restricted gifts applied to operating purposes during the fiscal year. Included here also are revenues from the sale of donated items, such as paintings and antiques, as well as the value of contributed services (pp. 29-33).

39. Aid from public agencies (state, federal, etc.).

40. Affiliated enterprise net income. Net income earned by any enterprises operated by the school that are noninstructional and that operate with separate facilities. Included are inns, thrift shops, working farms, etc. (pp. 34, 56).

41. Other. All revenue amounts not classified elsewhere (pp. 34, 56).

Table 10-A. Girls' School Operations, 1982-83

1. SCHOOL TYPE	ELEMENTARY DAY	ELEMENTARY-SECONDARY DAY	SECONDARY DAY	DAY BOARDING	BOARDING AND BOARDING-DAY	BOARDING
2. NUMBER OF SCHOOLS REPORTING		24	13	7	20	
3. ENROLLMENT		506	336	430	190	
4. STUDENT-TEACHER RATIO		11.5	11.1	8.9	7.1	
5. TEACHER-INSTRUCTION SUPPORT/ADM. RATIO		8.3	8.5	16.5	6.6	
6. TEACHER-GENERAL ADMINISTRATOR RATIO		6.9	5.4	7.1	5.8	
7. TEACHER-TOTAL ADMINISTRATOR RATIO		3.5	2.7	3.5	2.4	

EXPENSE PER STUDENT

		$	%	$	%	$	%	$	%	$	%	$	%
8.	Teaching salaries	I		1,727	36.6	1,463	35.0	1,722	24.2	1,853	17.9	I	
9.	Instruction support salaries	N		126	2.7	99	2.4	185	2.6	169	1.6	N	
10.	Instruction administrator salaries	S		112	2.4	102	2.4	147	2.1	232	2.2	S	
11.	Instruction secretarial salaries	U		51	1.1	29	0.7	25	0.3	66	0.6	U	
12.	Instruction benefits and payroll taxes	F		288	6.1	221	5.3	345	4.8	351	3.4	F	
13.	Other instruction expenses	F		171	3.6	197	4.7	202	2.8	391	3.8	F	
14.	TOTAL INSTRUCTION	I		2,475	52.5	2,111	50.5	2,626	36.8	3,062	29.5	I	
15.	STUDENT ACTIVITIES	C		58	1.2	80	1.9	89	1.2	115	1.1	C	
16.	Auxiliary salaries	I		70	1.5	74	1.8	374	5.3	486	4.7	I	
17.	Auxiliary benefits and payroll taxes	E		8	0.2	6	0.1	61	0.9	79	0.8	E	
18.	Other auxiliary expenses	N		222	4.7	118	2.8	665	9.3	1,144	11.1	N	
19.	Other services expenses	T		30	0.6	26	0.6	48	0.7	120	1.2	T	
20.	TOTAL AUXILIARY AND OTHER SERVICES			330	7.0	224	5.3	1,148	16.2	1,829	17.8		
21.	Plant salaries	S		183	3.9	196	4.7	442	6.2	643	6.2	S	
22.	Plant benefits and payroll taxes	A		26	0.5	27	0.7	69	1.0	100	1.0	A	
23.	Plant expenses	M		352	7.4	328	7.8	695	9.8	1,500	14.5	M	
24.	Plant replacement, renewal & maint.	P		86	1.8	71	1.7	226	3.2	280	2.7	P	
25.	TOTAL PLANT	L		647	13.6	622	14.9	1,432	20.2	2,523	24.4	L	
26.	General administrative salaries	E		350	7.4	359	8.6	419	5.9	706	6.8	E	
27.	Administration secretarial salaries			137	2.9	123	2.9	262	3.7	338	3.3		
28.	Administration benefits & payroll taxes			76	1.6	71	1.7	159	2.2	145	1.4		
29.	Administrative expenses			207	4.4	201	4.8	298	4.2	642	6.2		
30.	General expenses			141	3.0	130	3.1	304	4.3	306	3.0		
31.	TOTAL ADMINISTRATION			911	19.3	884	21.1	1,442	20.3	2,137	20.7		
32.	FINANCIAL AID			299	6.3	257	6.2	375	5.3	666	6.4		
33.	TOTAL EXPENSES			4,720	100.0	4,177	100.0	7,110	100.0	10,333	100.0		

INCOME PER STUDENT

		$	%	$	%	$	%	$	%	$	%	$	%
34.	TUITION AND FEES			3,738	76.1	3,210	75.1	4,635	65.0	7,221	68.6		
35.	AUXILIARY SERVICES			296	6.0	180	4.2	738	10.3	633	6.0		
36.	OTHER PROGRAMS			82	1.7	56	1.3	99	1.4	232	2.2		
37.	INVESTMENTS			283	5.8	235	5.5	999	14.0	1,037	9.9		
38.	GIFTS			432	8.8	475	11.1	570	8.0	1,296	12.3		
39.	AID FROM PUBLIC AGENCIES			9	0.2	3	0.1	19	0.3	4	0.0		
40.	AFFILIATED ENTERPRISE NET INCOME			7	0.2	40	0.9	0	0.0	18	0.2		
41.	OTHER			64	1.3	72	1.7	73	1.0	88	0.8		
42.	TOTAL INCOME			4,909	100.0	4,272	100.0	7,134	100.0	10,530	100.0		

NET POSITION PER STUDENT

$	%	$	%	$	%	$	%	$	%	$	%
		189	4.0	95	2.3	24	0.3	197	1.9		

Table 10-B. Boys' School Operations, 1982-83

1. SCHOOL TYPE	ELEMENTARY DAY	ELEMENTARY-SECONDARY DAY	SECONDARY DAY	DAY BOARDING	BOARDING DAY	BOARDING
2. NUMBER OF SCHOOLS REPORTING	8	15	11	7	8	11
3. ENROLLMENT	298	597	586	411	256	269
4. STUDENT-TEACHER RATIO	9.5	10.1	13.9	9.2	8.5	9.4
5. TEACHER-INSTRUCTION SUPPORT/ADM. RATIO	22.2	9.7	9.0	7.9	13.0	6.8
6. TEACHER-GENERAL ADMINISTRATOR RATIO	10.9	11.2	8.6	6.1	8.3	4.7
7. TEACHER-TOTAL ADMINISTRATOR RATIO	5.4	5.0	3.9	3.2	3.9	2.7

EXPENSE PER STUDENT

	$	%	$	%	$	%	$	%	$	%	$	%
8. Teaching salaries	1,987	36.5	1,880	35.9	1,504	31.6	1,558	21.5	1,556	14.0	1,693	16.1
9. Instruction support salaries	81	1.5	66	1.3	70	1.5	118	1.6	137	1.2	149	1.4
10. Instruction administrator salaries	137	2.5	121	2.3	125	2.6	166	2.3	124	1.1	110	1.0
11. Instruction secretarial salaries	7	0.1	41	0.8	36	0.8	55	0.8	74	0.7	118	1.1
12. Instruction benefits and payroll taxes	393	7.2	339	6.5	277	5.8	316	4.4	303	2.7	338	3.2
13. Other instruction expenses	253	4.6	243	4.7	179	3.8	371	5.1	320	2.9	323	3.1
14. TOTAL INSTRUCTION	2,858	52.4	2,690	51.5	2,191	46.1	2,584	35.7	2,514	22.6	2,731	25.9
15. STUDENT ACTIVITIES	52	1.0	30	0.6	99	2.1	187	2.6	77	0.7	114	1.1
16. Auxiliary salaries	88	1.6	68	1.3	54	1.1	225	3.1	445	4.0	677	6.4
17. Auxiliary benefits and payroll taxes	14	0.3	11	0.2	9	0.2	57	0.8	77	0.7	79	0.8
18. Other auxiliary expenses	225	4.1	276	5.3	253	5.3	781	10.8	1,452	13.1	1,448	13.8
19. Other services expenses	34	0.6	62	1.2	181	3.8	151	2.1	456	4.1	202	1.9
20. TOTAL AUXILIARY AND OTHER SERVICES	361	6.6	417	8.0	497	10.4	1,214	16.8	2,430	21.9	2,406	22.9
21. Plant salaries	231	4.2	254	4.8	159	3.3	513	7.1	739	6.7	493	4.7
22. Plant benefits and payroll taxes	41	0.8	35	0.7	30	0.6	71	1.0	141	1.3	78	0.7
23. Plant expenses	415	7.6	438	8.4	414	8.7	925	12.8	1,463	13.2	1,443	13.7
24. Plant replacement, renewal & maint.	131	2.4	102	1.9	151	3.2	188	2.6	393	3.5	213	2.0
25. TOTAL PLANT	818	15.0	829	15.8	754	15.8	1,697	23.5	2,736	24.7	2,227	21.1
26. General administrative salaries	330	6.1	316	6.0	210	4.4	389	5.4	812	7.3	652	6.2
27. Administration secretarial salaries	212	3.9	191	3.7	124	2.6	146	2.0	248	2.2	460	4.4
28. Administration benefits & payroll taxes	93	1.7	73	1.4	46	1.0	94	1.3	159	1.4	164	1.6
29. Administration expenses	304	5.6	276	5.3	191	4.0	387	5.3	550	5.0	799	7.6
30. General expenses	148	2.7	76	1.5	110	2.3	200	2.8	514	4.6	511	4.9
31. TOTAL ADMINISTRATION	1,087	20.0	932	17.9	681	14.3	1,216	16.8	2,283	20.5	2,586	24.7
32. FINANCIAL AID	268	4.9	337	6.4	538	11.3	342	4.7	1,039	9.4	466	4.4
33. TOTAL EXPENSES	5,443	100.0	5,232	100.0	4,759	100.0	7,239	100.0	11,076	100.0	10,529	100.0

INCOME PER STUDENT

	$	%	$	%	$	%	$	%	$	%	$	%
34. TUITION AND FEES	4,173	75.6	4,088	76.3	3,044	65.3	5,075	69.3	7,191	63.3	7,361	66.1
35. AUXILIARY SERVICES	272	4.9	340	6.3	294	6.3	557	7.6	773	6.8	786	7.1
36. OTHER PROGRAMS	56	1.0	79	1.5	230	4.9	401	5.5	651	5.7	315	2.8
37. INVESTMENT INCOME	353	6.4	311	5.8	503	10.8	499	6.8	936	8.2	1,036	9.3
38. GIFTS	562	10.2	502	9.4	528	11.3	590	8.0	1,388	12.2	1,234	11.1
39. AID FROM PUBLIC AGENCIES	15	0.3	15	0.3	7	0.1	6	0.1	71	0.6	1	0.0
40. AFFILIATED ENTERPRISE NET INCOME	34	0.6	5	0.1	1	0.0	21	0.3	146	1.3	104	0.9
41. OTHER	53	1.0	24	0.4	55	1.2	179	2.4	213	1.9	293	2.6
42. TOTAL INCOME	5,517	100.0	5,355	100.0	4,659	100.0	7,328	100.0	11,369	100.0	11,129	100.0

NET POSITION PER STUDENT

$	%	$	%	$	%	$	%	$	%	$	%
74	1.4	123	2.4	(100)	(2.1)	89	1.2	293	2.6	600	5.7

Table 10-C. Coed School Operations, 1982-83

	ELEMENTARY DAY	ELEMENTARY-SECONDARY DAY	SECONDARY DAY	DAY BOARDING	BOARDING DAY	BOARDING
1. SCHOOL TYPE						
2. NUMBER OF SCHOOLS REPORTING	13	219	42	46	79	10
3. ENROLLMENT	270	606	334	567	284	276
4. STUDENT-TEACHER RATIO	10.1	10.4	10.6	10.2	8.1	7.6
5. TEACHER-INSTRUCTION SUPPORT/ADM. RATIO	16.2	10.3	10.0	7.4	9.0	8.3
6. TEACHER-GENERAL ADMINISTRATOR RATIO	12.4	11.4	9.8	10.7	6.5	6.4
7. TEACHER-TOTAL ADMINISTRATOR RATIO	7.3	4.7	5.4	3.5	3.2	3.1

EXPENSE PER STUDENT

	$	%	$	%	$	%	$	%	$	%	$	%
8. Teaching salaries	1,427	40.3	1,585	36.4	1,722	37.1	1,568	24.1	1,709	16.7	1,664	14.1
9. Instruction support salaries	67	1.9	86	2.0	60	1.3	108	1.7	173	1.7	138	1.2
10. Instruction administrator salaries	44	1.2	113	2.6	75	1.6	145	2.2	158	1.5	185	1.6
11. Instruction secretarial salaries	15	0.4	42	1.0	33	0.7	63	1.0	73	0.7	86	0.7
12. Instruction benefits and payroll taxes	213	6.0	270	6.2	279	6.0	301	4.6	372	3.6	446	3.8
13. Other instruction expenses	147	4.1	197	4.5	203	4.4	283	4.3	352	3.4	436	3.7
14. TOTAL INSTRUCTION	1,913	53.9	2,293	52.7	2,372	51.1	2,468	37.9	2,837	27.6	2,955	25.1
15. STUDENT ACTIVITIES	24	0.7	41	0.9	60	1.3	80	1.2	175	1.7	261	2.2
16. Auxiliary salaries	49	1.4	74	1.7	44	0.9	271	4.2	419	4.1	694	5.9
17. Auxiliary benefits and payroll taxes	7	0.2	11	0.2	6	0.1	38	0.6	69	0.7	130	1.1
18. Other auxiliary expenses	109	3.1	184	4.2	178	3.8	547	8.4	1,101	10.8	1,152	9.8
19. Other services expenses	67	1.9	62	1.4	32	0.7	132	2.0	304	3.0	257	2.2
20. TOTAL AUXILIARY AND OTHER EXPENSES	232	6.6	331	7.5	260	5.5	988	15.2	1,893	18.6	2,233	19.0
21. Plant salaries	113	3.2	164	3.8	156	3.4	335	5.1	641	6.3	687	5.8
22. Plant benefits and payroll taxes	17	0.5	25	0.6	25	0.5	56	0.9	117	1.1	148	1.3
23. Plant expenses	292	8.2	346	7.9	341	7.4	752	11.6	1,486	14.5	1,538	13.0
24. Plant replacement, renewal & Mainten.	61	1.7	83	1.9	81	1.7	138	2.1	274	2.7	227	1.9
25. TOTAL PLANT	483	13.6	618	14.2	603	13.0	1,281	19.7	2,518	24.6	2,600	22.0
26. General administrative salaries	286	8.1	267	6.1	387	8.3	351	5.4	590	5.8	709	6.0
27. Administration secretarial salaries	106	3.0	114	2.6	157	3.4	176	2.7	286	2.8	378	3.2
28. Administration benefits & payroll taxes	62	1.7	61	1.4	91	2.0	112	1.7	170	1.7	196	1.7
29. Administration expense	140	3.9	172	4.0	243	5.2	310	4.8	569	5.6	687	5.8
30. General expenses	87	2.4	128	2.9	131	2.8	219	3.4	370	3.6	628	5.3
31. TOTAL ADMINISTRATION	681	19.1	742	17.0	1,009	21.7	1,168	18.0	1,984	19.5	2,598	22.0
32. FINANCIAL AID	216	6.1	329	7.6	342	7.4	524	8.1	819	8.0	1,147	9.7
33. TOTAL EXPENSES	3,543	100.0	4,350	100.0	4,644	100.0	6,511	100.0	10,225	100.0	11,793	100.0

INCOME PER STUDENT

	$	%	$	%	$	%	$	%	$	%	$	%
34. TUITION AND FEES	2,865	79.4	3,499	78.7	3,797	77.1	4,786	72.3	7,567	72.5	7,481	63.1
35. AUXILIARY SERVICES	148	4.1	253	5.7	231	4.7	433	6.5	435	4.2	323	2.7
36. OTHER PROGRAMS	101	2.8	92	2.1	74	1.5	219	3.3	462	4.4	776	6.5
37. INVESTMENT INCOME	158	4.4	223	5.0	158	3.2	525	7.9	785	7.5	1,686	14.2
38. GIFTS	264	7.3	283	6.4	475	9.7	486	7.3	964	9.2	1,364	11.5
39. AID FROM PUBLIC AGENCIES	7	0.2	10	0.2	76	1.5	15	0.2	11	0.1	9	0.1
40. AFFILIATED ENTERPRISE NET INCOME	7	0.2	11	0.2	24	0.5	7	0.1	69	0.7	92	0.8
41. OTHER	59	1.6	76	1.7	86	1.8	154	2.3	141	1.3	136	1.1
42. TOTAL INCOME	3,609	100.0	4,447	100.0	4,923	100.0	6,623	100.0	10,434	100.0	11,865	100.0

NET POSITION PER STUDENT

$	%	$	%	$	%	$	%	$	%	$	%
66	1.9	97	2.2	279	6.0	112	1.7	209	2.0	72	0.6

IV. NAIS MEMBERSHIP as of September 1983

ACTIVE MEMBERS	-- schools in existence over five years and located in any state or territory of the U.S.	832
AFFILIATE MEMBERS	-- schools in existence over five years and not located in a state or territory of the U.S.	79
NEW SCHOOL SERVICES	-- a subscription service for schools less than five years of age and not yet eligible for active membership	20
	Total	931

Enrollment

	Boarding	Boarding-day	Day-boarding	Day	Totals
ACTIVE MEMBERS	9,248	35,007	37,174	257,553	338,882
AFFILIATE MEMBERS	0	3,718	12,982	41,087	57,787
NEW SCHOOL SERVICES	40	0	210	2,833	3,093
Totals	9,188	38,725	50,356	301,473	399,762

Membership Analysis (Active Members and New School Services Subscribers Only)

1. Number of Schools

				Boarding	41
Girls'	109	Elementary	210	Boarding-day	133
Boys'	95	Secondary	276	Day-boarding	76
Coeducational	648	Elementary-secondary	366	Day	602
Total	852	Total	852	Total	852

2. Number of Schools by Type

	Elementary			Secondary			Elementary-secondary		
	Girls'	Boys'	Coed	Girls'	Boys'	Coed	Girls'	Boys'	Coed
Boarding	0	2	0	4	13	18	0	4	0
Boarding-day	0	5	3	20	12	83	1	1	8
Day-boarding	0	1	6	6	4	20	10	3	26
Day	2	13	178	13	15	68	53	22	238
Totals	2	21	187	43	44	189	64	30	272

3. Enrollment by Type of School

In 210 elementary schools	51,905	In 109 girls'schools	40,853
In 276 secondary schools	83,739	In 95 boys' schools	36,748
In 366 elementary-secondary schools	206.331	In 648 coed schools	264,374
852 Totals	341,975	852 Totals	341,975

3. Enrollment by Type of School (cont.)

Boarding schools		Boarding-day schools	
In 4 girls' schools	517	In 21 girls' schools	3,897
In 19 boys' schools	4,255	In 18 boys' schools	4,595
In 18 coed schools	4,416	In 94 coed schools	26,515
41 Totals	9,188	133 Totals	35,007

Day-boarding schools		Day schools	
In 16 girls' schools	6,832	In 68 girls' schools	29,607
In 8 boys' schools	3,469	In 50 boys' schools	24,429
In 52 coed schools	27,073	In 484 coed schools	206,370
76 Totals	37,374	602 Totals	260,406

	Girls'	Boys'	Coed	Totals
Boarding students	5,074	8,778	30,473	44,325
Day students	35,529	27,930	227,909	291,368
Totals	40,603	36,708	258,382	335,693

V. SCHOOLS AND ENROLLMENTS, 1979-80 -- 1983-84
(Active Members and New Schools Services Subscribers only)

	1979-80	1980-81	1981-82	1982-83	1983-84
Number of schools	784	809	828	842	852
Total enrollment	303,361	315,375	326,165	336,347	341,975

The following table breaks the figures of the above five-year summary down in two ways: (a) by boarding and day schools, and (b) by girls', boys', and coeducational schools. Figures in parentheses show the percentage of each type of school in the NAIS membership.

The change in the total of NAIS member schools from year to year is the result of schools dropping out of membership, new schools joining, and mergers of two or more schools to form a single institution.

	1979-80	1980-81	1981-82	1982-83	1983-84
Boarding/Boarding-day schools	177 (22.6%)	173 (21.4%)	178 (21.5%)	170 (20.2%)	174 (20.4%)
Day/Day-boarding schools	607 (77.4%)	636 (78.6%)	650 (78.5%)	672 (79.8%)	678 (79.6%)
Girls' schools	89 (11.4%)	78 (9.6%)	109 (13.2%)	112 (13.3%)	109 (12.8%)
Boys' schools	98 (12.5%)	88 (10.9%)	93 (11.2%)	96 (11.4%)	95 (11.1%)
Coed schools	597 (76.1%)	643 (79.5%)	626 (75.6%)	634 (75.3%)	648 (76.1%)

COMPARISON STUDIES AND COMPUTER SEARCHES AVAILABLE TO MEMBER SCHOOLS FROM NAIS

The following comparison studies and computer searches are available to NAIS members at modest charges.

Comparison studies. Some schools find statistical reports more useful when they are based on small, selected groups of schools. Such comparison studies of salaries, tuitions, enrollments, financial aid, and minority representation are now available from the NAIS computer. For example, a school might be interested in comparing its financial aid to that of other types of independent schools over the past several years. Such a study can be prepared, comparing the school's figures (number of students aided and amount granted) to those of other schools that have the same enrollment level, grade range, and student type. Figures are reported anonymously, but the names of the schools included in the report are furnished. Such a study is conducted only if five or more schools meet all of the designated criteria.

Financial operations studies. Member schools may also obtain an expanded computer study that compares income and expense figures on a per student basis. These studies compare all of the financial operations statistics of one school with the averages of the same statistics for five or more member schools. Schools may either select the comparison group or allow the computer to search for a group that matches a set of up to 25 characteristics. Example: All K-12 day schools in the Midwest whose enrollments are within 10 per cent of your school's enrollment.

Computer searches. In addition to statistical studies, lists and labels of NAIS schools and school personnel are available to member schools. Some examples of the types of listings available: all member elementary schools in the Southeast; all member schools that have a postgraduate program; names of development officers; all member schools celebrating centennials during 1983-84.

To preserve confidentiality and avoid overlap, requests for special studies and searches must be submitted or approved by the head of the school.

For further information, write or call the assistant director of information services at NAIS.